

ABSTRACT

The present invention is directed to devices and methods for exposing photoreactive compositions. Specifically, the invention is directed to devices and methods for exposing photoreactive compositions with light from light emitting diodes (LEDs). In certain embodiments the device includes an apparatus for retaining a photosensitive substrate containing a photoreactive composition, a light emitting diode array containing a plurality of light emitting diodes, and a control mechanism for regulating the intensity and distribution of light emitted from the light emitting diode array. In such implementations the light emitting diodes are configured and arranged for controlled exposure of the photoreactive composition.